

Description of the CCORP Data Collection Tool (CCORP Tool)

Overview

The CCORP tool is available to any hospital free of charge. The CCORP database comprises two applications: the data entry application and the data manager application. The data entry application is distributed as a standalone application to users at local hospitals and allows them to enter data, print both summary (surgeon-level) and detail reports (individual patient reports, including a missing data report), export a file for submission to OSHPD, and export a text file for use in external programs such as SAS, SPSS, and Excel. The data manager's application is designed for use by OSHPD staff. To request the tool, please contact Denise King at 916-322-9137.

System Requirements

The CCORP application runs under Windows 95, Windows 98, Windows 2000, Windows ME, Windows NT, and Windows XP. Although the software was developed in Microsoft Access -, it is a stand – alone application, which means you don't have to have Microsoft Access installed on your computer to be able to run the CCORP application.

The application requires approximately 30 MB of hard disk space before you begin entering data. You should have at least 128 MB of memory in your computer. If you're not sure how much memory you have, ask IT your personnel. Installation support over the phone will be provided by OSHPD or its contractor.

Statistics:

The CCORP applications have been developed in Microsoft Access 97 and are compatible with Microsoft Windows 98 and later versions. The applications currently contain:

- 10 tables, excluding Microsoft Access system tables
- 120 fields (not *data* fields)
- 9 reports
- 28 forms
- 1,282 controls
- 53 modules
- 42,346 lines of code

In addition to functions specific to the CCORP process, the applications also include functions for:

- backing up, restoring, and compacting data,
- simplifying the creation of and access to new reports, and other generic functions.

Program Description

Data entry application

The data entry application allows users to enter, edit, and delete surgery records and to export the data to an external database file to submission to OSHPD.

The data entry application comprises functions for

- entering identifying hospital information,
- creating, editing, and deleting surgery records,
- creating a comma-delimited ASCII export file for submission to OSHPD,
- adding, editing, and deleting surgeon records,
- displaying the data in a modified table view that allows for searching, sorting, and filtering using standard Access functions,
- previewing and printing reports with user-selectable criteria and date ranges,
- performing validation checks on all fields and modifying the display screen to identify the type of error and whether the data can be saved with the suspect date (Two types of errors are allowed. “Unexpected errors” refers to data outside the expected range but within the allowable range; unexpected errors can be saved. “Unallowable errors” refers to data outside the allowable range. Unallowable errors cannot be saved.),
- error trapping routines identifying the source and type of error,
- data restoration functions that allow the user to discard any unsaved data, regardless of the number of changes since the data was last saved,

Number and types of data fields

The surgery detail table contains fifty-six fields, including the internal system ID and system –generated fields such as time and date entered, time and date changed, time and date imported, and import status. ID fields include the unique surgery ID (primary key), the hospital ID (foreign key), and the surgeon ID (foreign key). In addition, the table also includes the physician’s California license number and first, middle, and last names. The remaining fields describe the type of surgery performed, as well as the patient’s condition and status at discharge.